

A. Robinson

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1653

#11

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/461,061A

DATE: 07/26/2001

TIME: 16:59:52

Input Set : A:\SEQUENCE LISTING-6056260US.txt

Output Set: N:\CRF3\07262001\I461061A.raw

OK  
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5 <110> APPLICANT: McCrae, Keith R.  
9 <120> TITLE OF INVENTION: Inhibition of Angiogenesis By High Molecular Weight  
11 Kininogen Domain 3 Peptide Analogs  
15 <130> FILE REFERENCE: 6056-260 US  
19 <140> CURRENT APPLICATION NUMBER: US/09/461,061A  
21 <141> CURRENT FILING DATE: 1999-12-15  
25 <150> PRIOR APPLICATION NUMBER: 60/112,427  
27 <151> PRIOR FILING DATE: 1998-12-16  
31 <160> NUMBER OF SEQ ID NOS: 22  
35 <170> SOFTWARE: PatentIn Ver. 2.0  
39 <210> SEQ ID NO: 1  
41 <211> LENGTH: 8  
43 <212> TYPE: PRT  
45 <213> ORGANISM: Artificial Sequence ✓  
49 <220> FEATURE:  
51 <223> OTHER INFORMATION: Description of Artificial Sequence: Human high ✓  
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55 domain 3 thereof  
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61 Asn Asn Ala Thr Phe Tyr Phe Lys  
63 1 5  
69 <210> SEQ ID NO: 2  
71 <211> LENGTH: 12  
73 <212> TYPE: PRT  
75 <213> ORGANISM: Artificial Sequence ✓  
79 <220> FEATURE:  
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of ✓  
83 human HK domain 3  
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99 <211> LENGTH: 12  
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107 <220> FEATURE:  
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131 <213> ORGANISM: Artificial Sequence  
135 <220> FEATURE:  
137 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of

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139      human HK domain 3
143 <400> SEQUENCE: 4
145 Thr Leu Thr His Thr Ile Thr Lys Leu Asn Ala Glu Asn Asn Ala Thr
147   1              5              10              15
151 Phe Tyr Phe Lys Ile Asp Asn Val Lys Lys Ala Arg Val Gln Val Val
153      20              25              30
165 <210> SEQ ID NO: 5
167 <211> LENGTH: 4
169 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
177 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of
179      human HK domain 3
183 <400> SEQUENCE: 5
185 Cys Val Gly Cys
187   1
193 <210> SEQ ID NO: 6
195 <211> LENGTH: 11
197 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of
207      human HK domain 3
211 <400> SEQUENCE: 6
213 Gly Lys Asp Phe Val Gln Pro Pro Thr Lys Ile
215   1              5              10
221 <210> SEQ ID NO: 7
223 <211> LENGTH: 12
225 <212> TYPE: PRT
227 <213> ORGANISM: Artificial Sequence ✓
231 <220> FEATURE:
233 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of ✓
235      human HK domain 3
239 <400> SEQUENCE: 7
241 Pro Arg Asp Ile Pro Thr Asn Ser Pro Glu Leu Glu
243   1              5              10
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251 <211> LENGTH: 27
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255 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of ✓
263      human HK domain 3
267 <400> SEQUENCE: 8
269 Gly Lys Asp Phe Val Gln Pro Pro Thr Lys Ile Cys Val Gly Cys Pro
271   1              5              10              15
275 Arg Asp Ile Pro Thr Asn Ser Pro Glu Leu Glu ✓
277      20              25
283 <210> SEQ ID NO: 9

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 297 human HK domain 3  
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 303 Thr Ile Thr Lys Leu Asn Ala Glu Asn Asn Ala Thr Phe Tyr Phe Lys  
 305 1 5 10 15  
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 315 <212> TYPE: PRT  
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 321 <220> FEATURE:  
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 331 Asn Asn Ala Thr Phe Tyr Phe Lys Ile Asp Asn Val Lys Lys Ala Arg  
 333 1 5 10 15  
 339 <210> SEQ ID NO: 11  
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 345 <213> ORGANISM: Artificial Sequence  
 349 <220> FEATURE:  
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 353 human HK domain 3  
 357 <400> SEQUENCE: 11  
 359 Thr Lys Ile Cys Val Gly Cys Pro Arg Asp Ile Pro Thr Asn Ser Pro  
 361 1 5 10 15  
 367 <210> SEQ ID NO: 12  
 369 <211> LENGTH: 8  
 371 <212> TYPE: PRT  
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 377 <220> FEATURE:  
 379 <223> OTHER INFORMATION: Description of Artificial Sequence: Analog of  
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 385 <400> SEQUENCE: 12  
 387 Leu Asp Ala Asn Ala Glu Val Tyr  
 389 1 5  
 395 <210> SEQ ID NO: 13  
 397 <211> LENGTH: 12  
 399 <212> TYPE: PRT  
 401 <213> ORGANISM: Artificial Sequence  
 405 <220> FEATURE:  
 407 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of  
 409 human HK domain 3  
 413 <400> SEQUENCE: 13  
 415 Thr Glu Ser Cys Glu Thr Lys Lys Leu Gly Gln Ser  
 417 1 5 10

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Input Set : A:\SEQUENCE LISTING-6056260US.txt

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 435 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of ✓  
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 441 <400> SEQUENCE: 14  
 443 Val Val Pro Trp Glu Lys Lys Ile Tyr Pro Thr Val  
 445 1 5 10  
 451 <210> SEQ ID NO: 15  
 453 <211> LENGTH: 16  
 455 <212> TYPE: PRT  
 457 <213> ORGANISM: Artificial Sequence ✓  
 461 <220> FEATURE:  
 463 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of ✓  
 465 human HK domain 3  
 469 <400> SEQUENCE: 15  
 471 Glu Thr Lys Lys Leu Gly Gln Ser Leu Asp Ala Asn Ala Glu Val Tyr  
 473 1 5 10 15  
 479 <210> SEQ ID NO: 16  
 481 <211> LENGTH: 16  
 483 <212> TYPE: PRT  
 485 <213> ORGANISM: Artificial Sequence ✓  
 489 <220> FEATURE:  
 491 <223> OTHER INFORMATION: Description of Artificial Sequence: Analog of ✓  
 493 human HK domain 3 fragment  
 497 <400> SEQUENCE: 16  
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 501 1 5 10 15  
 507 <210> SEQ ID NO: 17  
 509 <211> LENGTH: 32  
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 513 <213> ORGANISM: Artificial Sequence ✓  
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 519 <223> OTHER INFORMATION: Description of Artificial Sequence: Analog of ✓  
 521 human HK domain 3 fragment  
 525 <400> SEQUENCE: 17  
 527 Thr Glu Ser Cys Glu Thr Lys Lys Leu Gly Gln Ser Leu Asp Ala Asn  
 529 1 5 10 15  
 533 Ala Glu Val Tyr Val Val Pro Trp Glu Lys Lys Ile Tyr Pro Thr Val ✓  
 535 20 25 30  
 547 <210> SEQ ID NO: 18  
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 553 <213> ORGANISM: Artificial Sequence ✓  
 557 <220> FEATURE:  
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 561 domain 3

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565 &lt;400&gt; SEQUENCE: 18

567 Gly Lys Asp Phe Val Gln Pro Pro Thr Lys Ile Cys Val Gly Cys Pro

569 1 5 10 15

573 Arg Asp Ile Pro Thr Asn Ser Pro Glu Leu Glu Thr Leu Thr His

575 20 25 30

579 Thr Ile Thr Lys Leu Asn Ala Glu Asn Asn Ala Thr Phe Tyr Phe Lys

581 35 40 45

585 Ile Asp Asn Val Lys Lys Ala Arg Val Gln Val Val Ala Gly Lys Lys

587 50 55 60

591 Tyr Phe Ile Asp Phe Val Ala Arg Glu Thr Thr Cys Ser Lys Glu Ser

593 65 70 75 80

597 Asn Glu Glu Leu Thr Glu Ser Cys Glu Thr Lys Lys Leu Gly Gln Ser

599 85 90 95

603 Leu Asp Cys Asn Ala Glu Val Tyr Val Val Pro Trp Glu Lys Lys Ile

605 100 105 110

609 Tyr Pro Thr Val Asn Cys Gln Pro Leu Gly Met ✓

611 115 120

617 &lt;210&gt; SEQ ID NO: 19

619 &lt;211&gt; LENGTH: 16

621 &lt;212&gt; TYPE: PRT

623 &lt;213&gt; ORGANISM: Artificial Sequence

627 &lt;220&gt; FEATURE:

629 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Human HK

631 domain 3

635 &lt;400&gt; SEQUENCE: 19

637 Tyr Phe Ile Asp Phe Val Ala Arg Glu Thr Thr Cys Ser Lys Glu Ser ✓

639 1 5 10 15

645 &lt;210&gt; SEQ ID NO: 20

647 &lt;211&gt; LENGTH: 16

649 &lt;212&gt; TYPE: PRT

651 &lt;213&gt; ORGANISM: Artificial Sequence

655 &lt;220&gt; FEATURE:

657 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Analog of

659 human HK domain 3 fragment

663 &lt;400&gt; SEQUENCE: 20

665 Tyr Phe Ile Asp Phe Val Ala Arg Glu Thr Thr Ala Ser Lys Glu Ser ✓

667 1 5 10 15

673 &lt;210&gt; SEQ ID NO: 21

675 &lt;211&gt; LENGTH: 8

677 &lt;212&gt; TYPE: PRT

679 &lt;213&gt; ORGANISM: Artificial Sequence

683 &lt;220&gt; FEATURE:

685 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Fragment of

687 human HK domain 3

691 &lt;400&gt; SEQUENCE: 21

693 Leu Asp Cys Asn Ala Glu Val Tyr

695 1 5

699 &lt;210&gt; SEQ ID NO: 22

701 &lt;211&gt; LENGTH: 5

VERIFICATION SUMMARY

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Input Set : A:\SEQUENCE LISTING-6056260US.txt

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L:19 M:270 C: Current Application Number differs, Replaced Application Number  
L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date